

PTO-1449

Application No.  
10/022,753Applicant(s)  
Nicholas A. Schuneman, et al.Information Disclosure Citation  
in an ApplicationDocket Number  
004578.1193Group Art Unit  
UnknownFiling Date  
12/14/2001

## U.S. PATENT DOCUMENTS

	DOCUMENT NO.	DATE	NAME	CLASS	SUBCLASS	FILING DATE
A	6,008,770	12/28/99	Sugawara	343	767	
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P	Chio, et al., "Large Wideband Dual-Polarized Array of Vivaldi Antennas with Radome", 1999 Asia Pacific Microwave Conference (Singapore), IEEE, Piscataway, New Jersey, November 30, 1999, pages 92-95.
Q	
R	

EXAMINER

Shih - Hsiao Che

DATE CONSIDERED

6/27/03

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the applicant.

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P	U.S. Serial No. 10/023,229, filed December 14, 2001, entitled "Balun and Groundplanes for Decade Band Tapered Slot Antenna and Method of Making Same", inventors James M. Irion II, et al. (Attorney Docket 004578.1140).
Q	U.S. Serial No. 09/946,848, filed September 4, 2001, entitled "Method and Apparatus for Increasing Bandwidth of a Stripline to Slotline Transition", inventors James M. Irion II, et al. (Attorney Docket 004578.1150).
R	U.S. Serial No. 10/023,800, filed December 14, 2001, entitled "Decade Band Tapered Slot Antenna, and Method of Making Same", inventors Nicholas A. Schuneman, et al. (Attorney Docket 004578.1194).

EXAMINER

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<i>ca</i>	A	4,843,403	06/27/89	Lalezari, et al.	343	767	<div style="display: flex; align-items: center; justify-content: center;"> <div style="writing-mode: vertical-rl; transform: rotate(180deg); font-size: small;">JCS03, U.S. PTO</div> <div style="text-align: center;"> <b>10/022753</b>    12/14/01 </div> </div>				
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<i>ca</i>	N	Schaubert, Daniel H., "Wide-Band Phased Arrays of Vivaldi Notch Antennas", Antenna Laboratory, University of Massachusetts, pp. 1.6 and 1.9-1.12, undated.									
<i>ca</i>	O	Pickles, W. R., et al., "Ultra-Broadband Phased-Array Antenna", U.S. Naval Research Laboratory, pp. 1-6; undated.									
<i>ca</i>	P	Shin, Joon, et al., "A Parameter Study of Stripline-Fed Vivaldi Notch-Antenna Arrays", IEEE Transactions on Antennas and Propagation, Vol. 47, No. 5, May 1999, pp. 879-886.									
<i>ca</i>	Q	Chio, Tan-Huat, et al., "Parameter Study and Design of Wide-Band Widescan Dual-Polarized Tapered Slot Antenna Arrays", IEEE Transactions on Antennas and Propagation, Vol. 48, No. 6, June 2000, pp. 879-886.									
<i>ca</i>	R	Kragalott, Mark, et al., "Design of a 5 : 1 Bandwidth Stripline Notch Array from FDTD Analysis", IEEE Transactions on Antennas and Propagation, Vol. 48, No. 11, November 2000, pp. 1733-1741.									
<i>ca</i>	S	Lee, Hai Fong, et al., "Advances in Microstrip and Printed Antennas", John Wiley & Sons, Inc., New York, 1997, two title pages and pp. 447-453 and 510-514.									
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